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ABSTRACT

This hands-on guide shows readers how to use HyperCard software to create instructional programs on the Macintosh computer. The book describes how to choose subject matter, design a program, and determine the method of presentation, including the type of interaction and guiding metaphors that will be used. It explains how to make programs easy for the user to navigate and control; how to create effective introductions, paths, and transitions; how to create useful feedback and remediation; and how to develop reliable assessment, scoring, and help facilities. Twenty-five HyperCard stacks, found on the disk supplied with the book, are used to walk the reader through on-screen demonstration sessions. The modular sessions let readers try their hand at various aspects of computer assisted instruction (CAI) before creating an entire program. The following topics are covered: writing scripts, designing screens, developing appropriate practice tasks, "bullet-proofing" programs, and integrating graphics, sound, and animation into lessons. A chapter on QuickTime explains how Apple Computer's new system extension can be used to integrate video presentations into computer lessons, and create multimedia instructional programs on the computer screen. (DGM)

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